



PLASTICS

PRODUCT : ACCPLAST 70 SPL
TYPE : 70% ALUMINA PLASTIC
NATURE OF BOND : CHEMICAL/ CERAMIC
INSTALLATION : PNEUMATIC RAMMING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1650 °C
MAXIMUM GRAIN SIZE: 6 mm
WATER CONTENT: 9.0 – 11.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	67.0 – 71.0	70.41	BIS 12107 Part 3
Fe ₂ O ₃	1.10 – 1.60	1.17	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 260 °C / 3 hrs	2.20 – 2.50	2.38	BIS 10570
CCS, kg/cm ² after drying at 260 °C / 3 hrs	120 – 250	160	BIS 10570
after heating at 800 °C / 3 hrs	250 – 400	380	BIS 10570
after heating at 1550 °C / 3 hrs	400– 650	600	BIS 10570

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 35 / + 1785	BIS 1528 Part 1
PLC, % after heating at 1550 °C / 3 hrs	+0.50 to -1.50	-1.25	BIS 10570

Delivery State: Moistened and Rammable

Storage Life: Best till 3 months from the date of production, if stored in proper condition.

Note:

(1) The data are current production averages. They can not be used as limits for specification.

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